

## Emergent Phenomena and Functional Materials

The Planer-Smoluchowski Soft Matter Workshop on Liquid Crystal Colloids will explore current state and emerging new frontiers at the interface of materials science, soft condensed matter physics, chemistry, biology, optics, and photonics.

Additionally, the Workshop will celebrate the 150th anniversary of the pioneering paper that contributed to the discovery of LCs. The paper was published in 1861 by Julius Planer, a Professor of Lviv University at that time.



### Organizers

University of Colorado at Boulder  
Ivan Franko National University of Lviv  
Kent State University  
University of Ljubljana  
Lviv City Council  
Institute for Condensed Matter Physics of NAS of Ukraine



### Workshop Chairs

Oleg Lavrentovich,  
*Kent State University, USA*  
Ivan Smalyukh,  
*University of Colorado, Boulder, USA*  
Andrij Trokhymchuk,  
*Institute for Condensed Matter Physics, Lviv, Ukraine*  
Slobodan Žumer,  
*University of Ljubljana, Slovenia*



### Invited Speakers

Nicholas Abbott, *United States*  
Gareth Alexander, *United States*  
Dave Allender, *United States*  
Denis Andrienko, *Germany*  
Alexander Brodin, *Ukraine*  
Liang-Chy Chien, *United States*  
Paul Clegg, *United Kingdom*  
Jun-ichi Fukuda, *Japan*  
Ewa Gorecka, *Poland*  
Jaroslav Ilnytskyi, *Ukraine*  
Nikolai Lebovka, *Ukraine*  
Bogdan Lev, *Ukraine*  
Longin Lisetski, *Ukraine*  
Jean-Christophe Loudet, *France*  
Igor Muševič, *Slovenia*  
Peter Palfy-Muhoray, *United States*  
Viktor Pergamenschchik, *South Korea*  
Miha Ravnik, *United Kingdom*  
Victor Reshetnyak, *Ukraine*  
Stefan Sokolowski, *Poland*  
John West, *United States*

web-page: [www.icmp.lviv.ua/pssm2011](http://www.icmp.lviv.ua/pssm2011)